



Dominion Veterinary Laboratories Limited  
Quality Animal Health Pharmaceuticals - Dedicated Service Since  
1950

1199 Sanford Street - Winnipeg, Manitoba R3E 3A1  
Telephone: (204) 589.7361 / 589.7362 - Fax: (204) 943.9612  
Toll Free: 1.800.465.7122 - www.domvet.com

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## Safety Data Sheet

**Date:** January 12, 2022

**Product:** Antiseptic Iodine Spray / Iospray (1%)

**Product Information:** Iodine Spray

**Product Codes :** 01L-IOSPR, 10L-ISPRA, 10L-ISRPA4

**D.I.N.** 0049600

**Manufacturer/Supplier:** Dominion Veterinary Labs LTD.  
1199 Sanford St  
Winnipeg, Manitoba  
R3E 3A1  
Telephone: (204)-589-7361  
Fax: (204)-943-9612

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### 1. IDENTIFICATION

#### Product Identifier

<b>Name</b>	<b>Iodine Spray 1%</b>
<b>Chemical Identity:</b>	Blend
<b>CAS No. and name:</b>	Blend
<b>Formula and M.Wt.:</b>	Blend

#### Product use:

As an antiseptic for topical use, a counter-irritant in chronic inflammatory conditions and as a parasiticide in ringworm. May be used as a pre and post operative dressing.

#### 1.3 Emergency Contact:

Telephone: (204)-589-7361, Fax: (204)-943-9612

### 2. HAZARD IDENTIFICATION

#### Pictogram:



**Classification:** Category 2 Flammable Liquid

**Signal Word:** Danger

**Hazard Statements:** Flammable



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## SECTION 3: INFORMATION ON INGREDIENT

CHEMICAL NAME	CAS#
Povidone Iodine	25655-41-8
Isopropyl Alcohol	67-63-0
Water	7732-18-5

The exact percentage has been withheld as a trade secret

## SECTION 4: FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	Not determined	Do not induce vomiting. Give victim large quantities of milk or water and seek immediate medical attention. Never give anything by mouth to an unconscious person.
Skin	Not determined	Flush with large quantities of water. Remove contaminated clothing and gently wash contaminated skin with water and a non-abrasive soap. Seek medical attention if irritation develops.
Eyes	Not determined	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

## SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: 25°C

Est. Explosive Range Limit LEL 3.3% UEL 19%

Flash Point Method Used: Closed Cup

Suitable extinguishing media

Water spray ,ABC-powder Carbon dioxide (CO2) Nitrogen



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## Advice for firefighters

DO NOT fight fire when fire reaches explosives.

Protective equipment and precautions for firefight. Wear a self-contained breathing apparatus and chemical protective clothing ers

## Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

Do not inhale explosion and combustion gases.

Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire: Evacuate area.

## SECTION 6: ACCIDENTAL RELEASE

Personal Precautions:	In case of major fire and large quantities: Remove persons to safety.
Environmental Precautions:	Discharge into the environment must be avoided.
Method of Containment:	<p>Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.</p>
	<p>Large Spill: Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not touch spilled material.</p>
Method for Clean-Up:	Ventilate area of spill or leak. Sweep or scrap up and containerize in approved chemical waste container. Wash spill area with water.

## SECTION 7: HANDLING AND STORAGE

Handling:	<p>All work processes must always be designed so that the following is as low as possible: Inhalation skin contact Eye contact Use extractor hood (laboratory). If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means</p>
Storage:	<p>Recommended storage temperature: no data available Keep container tightly closed and in a well-ventilated place. Keep/Store only in original container.</p>



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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.
Personal Protective Equipment (PPE)	Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.
Eye/Face Protection:	Eye glasses with side protection
Skin Protection:	Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.
Respiratory Protection	Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
General Hygiene Considerations:	Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state:	liquid
Color:	Brownish-red
Odour:	characteristic
pH:	3.5
Flammability (solid, gas):	Highly flammable liquid and vapor.
Boiling Point	82 °C



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Vapour pressure:	no data available
Vapour density:	2.1
Relative density:	0.85 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	
Water solubility (g/L):	miscable

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	<b>Not determined</b>
<b>Chemical Stability:</b>	<b>Stable under normal ambient temperatures (70°F)</b>
<b>Possibility of Hazardous reactions:</b>	<b>Not determined.</b>
<b>Conditions to Avoid:</b>	<b>No determined</b>
<b>Incompatible materials:</b>	<b>Not determined</b>
<b>Hazardous Decomposition Products:</b>	<b>Not determined</b>

## SECTION 11 : TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	<i>oral toxicity:</i> 2-Propanol - LD50: > 5045 mg/kg - Rat - (RTECS) 2-Propanol - LDLo: > 3570 mg/kg - Human - (RTECS) <i>Acute dermal toxicity:</i> 2-Propanol - LD50: > 12800 mg/kg - Rabbit - (RTECS) <i>Acute inhalation toxicity:</i> 2-Propanol - LC50: 72600 mg/m <sup>3</sup> - Rat - (Japan GHS Basis for Classification Data)
<b>Skin irritation:</b>	<b>Not determined.</b>
<b>Eye irritation:</b>	<b>Causes serious eye irritation</b>
<b>Respiratory damage:</b>	<b>Not determined.</b>
<b>STOT-single exposure:</b>	<b>May cause drowsiness or dizziness.</b>
<b>STOT-repeated exposure</b>	<b>Not determined.</b>
<b>Carcinogenicity:</b>	<b>Not listed</b>
<b>OSHA:</b>	<b>Not listed</b>



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<b>NTP:</b>	<b>Not listed</b>
<b>IARC:</b>	<b>Not listed</b>

## SECTION 12: ECOLOGICAL INFORMATION

<b>Acute or chronic aquatic toxicity:</b>	<b>Fish toxicity:</b> 2-Propanol - LC50: 9640 mg/l (96 h) - Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows ( <i>Pimephales promelas</i> ), Vol. 1. Center for Lake Superior Environmental Stud., Univ. of Wisconsin-Superior, Superior, WI :414 <b>Daphnia toxicity:</b> 2-Propanol - LC50: 1400 mg/l (48 h) - Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118 <b>Algae toxicity:</b> no data available <b>Bacteria toxicity:</b> no data available
<b>Chemical degradation:</b>	<b>Not determined.</b>
<b>Biodegradation:</b>	<b>Not determined.</b>
<b>Bioaccumulation potential</b>	<b>Not determined.</b>
<b>Mobility in soil:</b>	<b>Not determined.</b>
<b>Other adverse effects</b>	<b>Not determined.</b>

## SECTION 13: DISPOSAL

### Waste disposal methods

Dispose of waste according to federal, provincial, and local regulations. May be used directly as a fuel stock with appropriate emissions control equipment. Otherwise, incinerate directly with or without other flammable solvent additives.

## SECTION 14: TRANSPORT INFORMATION

<b>UN number:</b>	<b>1219</b>
<b>UN proper shipping name:</b>	<b>ISOPROPANOL</b>
<b>Class(es):</b>	<b>3</b>
<b>Packing group number:</b>	<b>II</b>



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<b>Environmental hazards:</b>	<b>Not determined</b>
<b>Special precautions:</b>	<b>Limited Quantity (1L)</b>

## SECTION 15: REGULATORY INFORMATION

Listed as a DIN with Health Canada

## SECTION 16: OTHER INFORMATION

The information contained herein is, to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without obligation on our part and the Company accepts no liability to any customers, their employees or any other person whatsoever for any loss, injury or damage whether direct or consequential, which may be caused by an error or omission from this sheet even if negligence or otherwise.

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Carol Lamirande/Office Manager